Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 19 Jul 2022 until 23:59 on Wednesday 20 Jul 2022

Forecast Issued on Monday 18 Jul 2022 at 14:19

Confidence: High confidence in the transition from extremely hot on Tuesday to normal weather on Wednesday, though low confidence with timings and intensity of any rain and showers.

Headline for Tuesday 19 Jul 2022: Some prolonged strong sunshine and very high temperatures.

Mountain weather hazards on Tuesday 19 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny	Sunny	Sunny intervals	Sunny intervals	Thundery showers
Precipitation probability							
00%	00%	00%	00%	00%	10%	30%	50%

Forecast for Tuesday 19 Jul 2022

Weather: A very warm and uncomfortable night leading to another mostly dry and sunny day. Feeling very hot in the long sunny spells with extreme temperatures that may again cause difficulties for some. Cloud building into the afternoon, bringing a risk of isolated showers through late afternoon into the evening. Some of these may give the odd rumble of thunder and some gusty winds.

Chance of cloud-free hill tops above 600m: 95%

Low cloud and visibility: Mostly excellent, with good panoramic views across the park. Some temporary reduction in any isolated shower in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 19 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 SE	15/21 SE	20/30 S	18/26 S	20/28 S	19/27 SW	9/14 W	16/21 S	9/13 SW
300	9/16 SE	7/13 SE	15/26 SE	15/21 S	18/27 S	17/26 W	7/11 NW	10/16 S	7/11 W
Valley	8/15 E	6/11 SE	7/19 SE	10/19 S	14/27 S	14/26 W	6/13 NW	6/14 N	3/9 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/25	28/24	28/23	28/24	30/26	27/23	25/24	23/20	20/19
300	28/26	27/26	27/23	30/26	33/29	30/26	28/27	24/23	21/20
Valley	27/25	26/24	26/25	31/30	35/33	31/28	28/28	23/23	20/21
Freezing Level*	3900m	3900m	3900m	3800m	3700m	3700m	3600m	3800m	3600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extreme heat may make walking difficult for some, with temperatures remaining very warm at height. Sun proctection and hydration highly recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 17 Jul 2022	0mm	0mm	0mm

Forecast for Wednesday 20 Jul 2022

Weather: Occasional showers, perhaps locally heavy or thundery, pushing eastwards through the day introducing fresher conditions. Temperatures falling through the day while returning closer to the seasonal average.

Maximum wind: Westerly 20mph with gusts 30mph

Chance of cloud-free hill tops above 600m: 50% becoming 95%

Low cloud and visibility: Mediocre around dawn with areas of low cloud in the west, as low as 450-500m. Improving rapidly through the morning to become excellent with good panoramic views across the park.

Temperature: **Valleys:** Plus 21 Celsius
At 600m: Plus 15 Celsius
Freezing level: Well above summits.

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